



Atty. Docket No.: 25436/1150 PATENT

1634 \$

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Sorge, et al.  
Serial No.: 09/338,855  
Filed: June 23, 1999  
Entitled: "Methods of Enriching for and Identifying Polymorphisms"

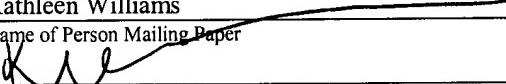
Examiner: Chakrabarti, A.  
Group Art Unit: 1634  
Conf. No.: 1888

RECEIVED  
NOV 25 2002  
TECH CENTER 1600/290

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a**

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231.

Kathleen Williams  
Name of Person Mailing Paper

  
Signature of Person Mailing Paper

Commissioner for Patents  
Washington, D.C. 20231

**TRANSMITTAL LETTER**

Enclosed for filing in the above-identified patent application, please find the following documents:

1. Amendment & Response to Office Action mailed June 12, 2002;
2. Petition for Two Month's Extension of Time;
3. Check in the amount of \$200.00 for the requisite fee; and
4. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 25436/1150. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: November 12, 2002

  
Name: Kathleen Williams  
Registration No.: 34,380  
Customer No.: 27495  
Palmer & Dodge LLP  
111 Huntington Avenue  
Boston, MA 02199-7613  
Tel: 617-239-0100



Atty. Docket No.: 25436/1150

PATENT

25/E  
CD  
11/26/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Sorge, et al.  
Serial No.: 09/338,855  
Filed: June 23, 1999  
Entitled: "Methods of Enriching for and Identifying Polymorphisms"

Examiner: Chakrabarti, A.  
Group Art Unit: 1634  
Conf. No.: 1888

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a**

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231.

Kathleen Williams  
Name of Person Mailing Paper  
  
Signature of Person Mailing Paper

RECEIVED

NOV 25 2002  
TECH CENTER 1600/2900

Commissioner for Patents  
Washington, D.C. 20231

**AMENDMENT**

Sir:

This is filed in response to the Office Action mailed in the above-noted U.S. patent application on June 12, 2002. Kindly consider the following amendments and remarks.

**In the Claims:**

Please cancel claim 2.

Please replace claims 1, 57, 69 and 159 with amended claims 1, 57, 69 and 159 as follows:

1. (Twice amended) A method of enriching for and identifying a nucleic acid sequence difference with respect to a reference sequence comprising:

a) contacting a nucleic acid sample with a molecule comprising a sequence-specific binding activity selected from the group consisting of: transcription factors or DNA binding domains thereof; proteins with zinc-finger DNA binding domains; restriction endonuclease DNA recognition domains; sequence-specific antibodies; oligonucleotides complementary to an adapter ligated to a population of DNA molecules;